

POWER SYSTEM DATA

For the week ending November 30, 2001

STREAMFLOW CONDITIONS (in percent of 60 year average)		July	August	Sept.	Oct.	Nov.
	2000-2001 Natural Streamflow at The Dalles	58%	66%	60%**	64%*	90%***
	Critical Year Natural Streamflow at The Dalles	81.2%	85.5%	90.8%	71.6%	57.2%
	1995-1999 Average Natural Streamflow at The Dalles	114.4%	107.6%	101.2%	105.0%	113.2%
	Average flows below Bonneville Nov. 22 – Nov. 28.	126.7 kcfs				
	Avg. tailwater elevation below Bonneville Nov. 22 – Nov 28.	11.70 ft				
FEDERAL HYDRO GENERATION		July	August	Sept.	Oct.	Nov.
	2001 Federal Hydro Generation	5,047	5,588	4,767	4,655	
	1995-2000 Average Federal Hydro Generation	10,407	8,845	7,228	7,206	7,941
HISTORIC PRICES(Dow Jones HLH month average)		July	August	Sept.	Oct.	Nov.
	2001 Mid-C Prices in \$/megawatt-hour	60.10	45.88	24.28	26.10	23.48****
	2000 Mid-C Prices in \$/megawatt-hour	122.25	213.44	134.80	103.69	171.98
Dow Jones HLH firm Mid-C Prices						
	For week ending Nov. 28 in \$/megawatt-hour	\$17.89 - \$27.76				
PRECIPITATION AND TEMPERATURES		July	August	Sept.	Oct.	Nov.
	Precipitation above The Dalles as % of Avg	103%	32%	49%	146%	72%**
	Load Center temperature departures	-1.5	+0.7	+1.8	-1.6	+2.9**
VOLUME FORECAST (as percent of average)		July	Aug.	Sept.	Oct.	Nov.
	2001 Snowpack as % of Average	N/A				
	Observed January – July runoff and (%) of average	58.2 (55%)				
	Final Forecast at The Dalles in MAF and as a (%) of average	54.7 (52%)				
	--average Jan.-Jul. vol. used by NWS is 105.9 MAF					
	--lowest Jan.-Jul. vol. on record is 53.8 MAF in 1977					
	--critical Jan.-Jul. vol. is 69.4 MAF					
POWER EXCHANGED WITH CALIFORNIA Nov. 22 – Nov. 28.						
	Power sent to California ISO in MWh	0				
	Power returned from California ISO in MWh	0				
	Amount ISO owes BPA in MWh	0				
* Final month end.						
**Observed through November 26.						
***Observed through Nov 25, forecast remainder of month.						
****Observed through Nov. 28 th .						

Reservoir elevations

DATE:	11/22/01	11/15/01	TOTAL
	CURRENT	PREVIOUS	DRAFT(-)
PROJECT	ELEV. (ft.)	ELEV. (ft.)	FILL(+)(ft.)
Libby	2422.9	2423.5	-0.6
Horse	3525.8	3526.4	-0.4
Coulee	1286.4	1286.3	0.1
Dworshak	1519.7	1519.1	0.6

Due to the Thanksgiving holiday, a Power System Data report for the week ending Nov. 23 was not compiled.

Operations to protect Columbia River chum salmon spawning below Bonneville Dam began on Nov. 20. The target for chum flows below Bonneville Dam is a tailwater elevation of 11.0 feet, which takes tidal and tributary influences into account.